

## Cystic Fibrosis Oxford Respiratory Medicine Library

This international and authoritative work, which brings together current knowledge in the field of cystic fibrosis, has become established in previous editions as a leading reference in the field. The third edition continues to provide everything that the clinician or allied health professional treating patients with cystic fibrosis will need in a single manageable volume. Thoroughly revised and updated throughout, it reflects the significant advances that have been made in the field since the second edition published in 2000. Cystic Fibrosis evaluates in detail the basic science that underlies the disease and its progression, putting it into a clinical context. Diagnostic and clinical aspects are covered in depth, as are monitoring the condition and the importance of multi-disciplinary care, reflected in the sections into which the new edition has been sub-divided to improve accessibility. Future developments, including novel therapies, are covered in a concluding section. The clinical areas have been much expanded, with the introduction of separate chapters covering sleep, lung mechanics and the work of breathing, upper airway disease, insulin deficiency and diabetes, bone disease, and sexual and reproductive issues. A new section on monitoring discusses the use of databases to improve patient care, and covers monitoring in different age groups, exercise testing and the outcomes of clinical trials in these areas. Separate chapters are devoted to paramedical issues, including nursing, physiotherapy, psychology, and palliative and spiritual care. Throughout, the emphasis is on providing an up-to-date and balanced review of both the clinical and basic sciences aspects of the subject, and to reflect the multi-disciplinary nature of the cystic fibrosis care team. Drawing on the expertise of a team of international specialists from a variety of backgrounds, the third edition of Cystic Fibrosis will continue to find a broad readership among respiratory physicians, paediatricians, specialist nurses and other health professionals working with patients with cystic fibrosis.

The Respiratory System at a Glance has been thoroughly updated in line with current practice guidelines and new techniques to provide a highly illustrated and comprehensive guide to normal lung structure and function, as well as associated pathophysiology. Each topic has been fully revised and is accompanied by clear diagrams to encapsulate essential knowledge. Reflecting changes to the content, teaching and assessment methods used in medical education, this new edition now includes more information on acid base and its clinical ramifications, further detail on defence mechanisms and immunology, and also features online access to clinical cases and flashcards. The Respiratory System at a Glance: • Integrates basic and clinical science – ideal for integrated and systems-based courses • Includes both the pathophysiology and clinical aspects of the respiratory system • Is fully revised and updated to reflect current practice guidelines and new therapies • Provides online clinical cases, brand new flashcards, and MCQs • Includes a companion website at [www.ataglanceseries.com/respiratory](http://www.ataglanceseries.com/respiratory) featuring interactive multiple choice questions and digital flashcards

Respiratory disease is one of the leading causes of both mortality and morbidity, causing a significant burden on healthcare resources, the economy, and on individual patients and their carers. Respiratory conditions are managed in many different settings, from home and residential care through the full range of primary to tertiary care. The multifaceted nature of both diseases affecting respiration and the care options is comprehensively covered in this second edition of the Oxford Handbook of Respiratory Nursing. Offering a systematic description of the main respiratory diseases found in adults, the Handbook covers the assessment, diagnosis, and nursing management of each condition. With a special focus on the role of the multidisciplinary team in meeting the multiple care needs of respiratory patients, including physical and psychosocial concerns, and both pharmacological and non-pharmacological therapies, the Oxford Handbook of Respiratory Nursing is a unique and invaluable companion for all healthcare professionals working within the specialty. Fully updated to reflect changes in new national and international guidance, with additional topics on biologics, antifibrotic therapy, inspiratory flow, and new NICE and UKIG standards and algorithms, the material has been fully overhauled to reflect current best practice and therapeutic options. Concise, didactic, and augmented with further reading and useful online resources, the second edition of the Oxford Handbook of Respiratory Nursing gives nurses working in the field all the information they need at their fingertips.

Now fully revised and updated with the latest guidelines, this new edition of the Oxford Handbook of Paediatrics is a compact guide to all aspects of acute and chronic paediatrics. The handbook's team of specialist contributors and editors have successfully condensed many years of clinical experience into a pocket-sized compendium of clinical problems and treatment options. Taking a child-centred approach to the subject, the authors have provided comprehensive coverage of areas such as neonatology, surgery, genetics and congenital malformations, and child protection in a user-friendly and succinct style. Sections are also devoted to covering the treatment of children in the community, and the psychological effects of illness on both the child and their family. All chapters have been updated for this new edition, with completely overhauled chapters on neurology and respiratory medicine, the latest management guidelines on inherited metabolic disease, further information on medical and research ethics, and enhanced usage of diagnostic and treatment algorithms. With practical advice and space for personalized notes, this handbook will be invaluable to all those involved in the care of the younger patient.

Revised edition of: Oxford specialist handbook of paediatric respiratory medicine. 2008.

In this book, you'll learn multiple new aspects of respiratory management of the newborn. For example, ventilator management of infants with unusually severe bronchopulmonary dysplasia and infants with omphalocele is discussed, as well as positioning of endotracheal tube in extremely low birth weight infants, noninvasive respiratory support, utilization of a protocol-driven respiratory management, and more. This book includes a chapter on noninvasive respiratory function monitoring during chest compression, analyzing the efficacy and quality of chest compression and exhaled carbon dioxide. It also provides an overview on new trends in the management of fetal and transitioning lungs in infants delivered prematurely. Lastly, the book includes a chapter on neonatal encephalopathy treated with hypothermia along with mechanical ventilation. The interaction of cooling with respiration and the strategies to optimize oxygenation and ventilation in asphyxiated newborns are discussed.

This resource, developed by the ACOG Committee on Adolescent Health Care, includes valuable information on the provision of health care to adolescent patients. Topics include primary care for adolescent females, confidentiality in adolescent health care, contraceptive issues, sexually transmitted disease screening, eating disorders, and suicide prevention.

Now consisting of fifty innovative chapters authored by internationally recognised scientists and clinicians, the extensively revised third edition of the Oxford Textbook of Children's Sport and Exercise Medicine is the fundamental reference work on paediatric exercise medicine and sport science. Using a scientific evidence-based approach and new insights into understanding the exercising child and adolescent, this title covers a complex and rapidly evolving field. Designed to inform, challenge and support all

involved in the study and treatment of the exercising child and adolescent, the Oxford Textbook of Children's Sport and Exercise Medicine presents complex scientific and medical material in an accessible and understandable manner. With extensive sections on Exercise Science, Exercise Medicine, Sport Science and Sport Medicine, chapters comprehensively cover training, physical activity in relation to health issues, the physiology of the young athlete and injury using the research and practical experience of a renowned author team. Fully illustrated and extensively revised, new topics and fully updated material complement the state-of-the-art approach of previous editions. With an increased focus on molecular exercise physiology, close to 75% of the content found in this edition is new material, reflecting the many advances and developments across this discipline.

Chronic Obstructive Pulmonary Disease (COPD) is growing in recognition as a major chronic disease, and a key cause of acute medical admissions. It kills approximately 30,000 patients each year in England and Wales alone, and is set to be the third commonest cause of death by 2020 globally. This pocketbook is a concise companion for all health care professionals who come into contact with patients with COPD. It covers the full spectrum of COPD management, ranging from smoking cessation to advanced COPD, bridging both the primary and secondary care aspects of treatment and discussing the latest advances in our understanding of the pathophysiology and new drug treatments of this disease. This compact volume of the Oxford Respiratory Medicine Library summarizes up-to-date literature in a style that will have direct clinical application to busy health care professionals.

This pocketbook is a concise companion for health care professionals who manage patients with acute lung infections. Respiratory Medicine Lecture Notes covers everything from the basics of anatomy and physiology, through to the aetiology, epidemiology, symptoms and management of a full range of respiratory diseases, providing a comprehensive yet easy-to-read overview of all the essentials of respiratory medicine. Key features of this new, full-colour edition include: Updated and expanded material on chest X-rays and radiology Self-assessment exercises for each chapter A range of clinical images and scans showing the key features of each disease Fully supported by a companion website at [www.lecturenoteseries.com/respiratory](http://www.lecturenoteseries.com/respiratory) featuring figures, key points, web links, and interactive self-assessment questions Ideal for learning the basics of the respiratory system, starting a placement, or as a quick-reference revision guide, Respiratory Medicine Lecture Notes is an invaluable resource for medical students, respiratory nurses and junior doctors.

Hodson and Geddes' Cystic Fibrosis provides everything the respiratory clinician, pulmonologist or health professional treating patients needs in a single manageable volume. This international and authoritative work brings together current knowledge and has become established in previous editions as a leading reference in the field. This fourth edition includes a wealth of new information, figures, useful videos, and a companion eBook. The basic science that underlies the disease and its progression is outlined in detail and put into a clinical context. Diagnostic and clinical aspects are covered in depth, as well as promising advances such as gene therapies and other novel molecular based treatments. Patient monitoring and the importance of multidisciplinary care are also emphasized. This edition: Features accessible sections reflecting the multidisciplinary nature of the cystic fibrosis care team Contains a chapter written by patients and families about their experiences with the disease Includes expanded coverage of clinical areas, including chapters covering sleep, lung mechanics and the work of breathing, upper airway disease, insulin deficiency and diabetes, bone disease, and sexual and reproductive issues Discusses management both in the hospital and at home Includes a new section on monitoring and discusses the use of databases to improve patient care Covers monitoring in different age groups, exercise testing and the outcomes of clinical trials in these areas Includes chapters devoted to nursing, physiotherapy, psychology, and palliative and spiritual care Throughout, the emphasis is on providing an up-to-date and balanced review of both the clinical and basic science aspects of the subject and reflecting the multidisciplinary nature of the cystic fibrosis care team.

One of the greatest public health achievements during the last century was the reduction of infectious diseases due to public sanitation measures, vaccines and antibiotics. However, in recent years, several new infectious diseases have been identified, and since the appearance of the first penicillin-resistant bacteria, 'old diseases' have reemerged. Volume 8 of Contributions to Microbiology provides an overview of a great variety of bacterial pathogens representative of those groups and discusses the underlying reasons for disease emergence. The various chapters clearly illustrate how changes in society, technology and the environment result in the appearance or spread of bacterial pathogens. Not only bacterial human pathogens, but also bacterial plant pathogens are an issue and serve as an example of how bacteria can adapt very specifically to a particular host environment. As a consequence of this adaptability, the available antimicrobial drugs have become less effective against many infectious agents; the reasons for this are thoroughly discussed in the book. There is an urgent need for the development of new antibiotics. The volume therefore concludes with a chapter on modern approaches which allow a rational design of a new generation of antimicrobial drugs less likely to become ineffective or cause broad-spectrum drug resistance.

The Encyclopedia of Respiratory Medicine, Second Edition explores the key processes of lung diseases and their diagnosis and management. It dissects the molecular and cellular biology, physiology and immunology that underpin normal lung function as well as the aberrations that occur in respiratory diseases, from common disorders such as asthma and COPD to rarer lung diseases such as cystic fibrosis, interstitial lung diseases and pulmonary hypertension. The pace of science and impact on our understanding of lung disease has been astonishing over the last decade and here we update on the most recent scientific developments that will underpin the next generation of advances in how we diagnose and treat respiratory disorders. Written in at a time when the globe is in the grip of respiratory pandemic, lung disease has never been so prominent in the public and political conscious. This completely overhauled new edition encompasses 415 chapters, across 6 volumes, from renowned authorities across the globe covering the scientific basis of respiratory medicine, current concepts of underlying science and disease pathogenesis, as well as a review of current

care and treatment of respiratory diseases. The vast majority of chapters are brand new, with a small portion being thoroughly revised and updated from the previous edition to reflect the significant developments that have taken place in the scientific basis of respiratory diseases as well as the progress in adopting new treatment modalities. This new edition of the Encyclopedia will provide new researchers in respiratory medicine with a solid foundation in unfamiliar topics and will update more experienced researchers seeking to step outside their core areas of research and to put their work into a broader context. A feature throughout is concise and clear prose that will be appropriate for non-specialists. Each article also contains clear diagrams that can be used as teaching aids. Encyclopedic coverage of respiratory medicine and research: a 'one-stop' resource covering the entire scope of modern respiratory medicine  
Renowned Editorial and Contributor board: a truly global collaboration bringing together some of the most authoritative voices in respiratory medicine  
Educational and foundational resource: chapters are concise and accessible, providing an authoritative introduction for non-specialists, as well as up-to-date, foundational content for those familiar with the field. The thematic structure represents a valuable compass for navigating the field across its main branches and for finding information quickly  
Multimedia-rich content: contains hundreds of clear and helpful illustrations that can be used as teaching aids  
Subject index, hyperlinked cross-references and references: these features will make it easy to find specific topics, related articles and cited literature

Revised and updated for its fourth edition, the Oxford Handbook of Respiratory Medicine is the must-have resource for respiratory trainees, internal medical trainees and other junior doctors in acute and internal medicine, medical students, and all clinicians caring for patients with respiratory problems. Concise, practical, and designed for rapid access to essential information, this handbook will ensure you have everything you need for the ward, clinic, or in the run up to exams. All major respiratory diseases and symptoms are covered in practical, succinct chapters. This new edition includes the latest clinical guidelines from the British Thoracic Society and NICE, and covers key developments in the field. Additional detail has been added to more challenging topics such as sleep medicine, lung transplantation, and pulmonary disease in the immunocompromised patient, and there is a dedicated section on COVID-19. The handbook features unique sections on practical procedures and a symptoms section to aid in differential diagnosis and clinical management. Practical advice on management is integrated throughout and a dedicated section on respiratory emergencies ensures you can cope with any eventuality. This fourth edition will ensure you have all the information you need at your fingertips!

The European Respiratory Society (ERS) Handbook of Respiratory Medicine, now in its third edition, is a concise, compact and easy-to-read guide to each of the key areas in respiratory medicine. Its 20 sections, written by clinicians and researchers at the forefront of the field, explain the structure and function of the respiratory system, its disorders and how to treat them. The Handbook is a must-have for anyone who intends to remain up to date in the field, and to have within arm's reach a reference that covers everything from the basics to the latest developments in respiratory medicine. This book explains clearly what is happening to the body in Cystic Fibrosis, what causes it and what treatment options are available for the different aspects of the disease. It also looks to the future in terms of potential new therapies for CF and provides useful information on organizations that can provide help.

Asthma is a common chronic condition affecting the airways. It is becoming increasingly recognised by health care workers. Epidemiological studies suggest that, along with other atopic diseases, its prevalence is rising. This book will provide a practical, evidence-based guide to the main aspects of asthma.

Respiratory ailments are the most common reason for emergency admission to hospital, the most common reason to visit the GP, and cost the NHS more than any other disease area. This pocket-sized handbook allows instant access to a wealth of information needed in the day-to-day practice of respiratory medicine.

Revised and updated for its third edition, the Oxford Handbook of Respiratory Medicine is the must-have resource for junior doctors and students, and all clinicians caring for patients with respiratory problems. Concise, practical, and designed for rapid access to essential information, this handbook will ensure you have everything you need for the ward, clinic, or exams. This handbook covers the latest clinical guidelines and developments in the field. It features unique sections on practical procedures and a symptoms section to aid in differential diagnosis and clinical management. Practical advice on management is integrated throughout and a dedicated section on respiratory emergencies ensures you can cope with any eventuality. New sections such as thoracic ultrasound, indwelling pleural catheters, safe sedation, and cardiopulmonary exercise testing have been added, and all major respiratory diseases and symptoms are covered in practical, succinct chapters. This third edition will ensure you have all the information you need at your fingertips.

Studying the lung microbiome requires a specialist approach to sampling, laboratory techniques and statistical analysis. This Monograph introduces the techniques used and discusses how respiratory sampling, 16S rRNA gene sequencing, metagenomics and the application of ecological theory can be used to examine the respiratory microbiome. It examines the different components of the respiratory microbiome: viruses and fungi in addition to the more frequently studied bacteria. It also considers a range of contexts from the paediatric microbiome and how this develops to disease of all ages including asthma and chronic obstructive pulmonary disease, chronic suppurative lung diseases, interstitial lung diseases, acquired pneumonias, transplantation, cancer and HIV, and the interaction of the respiratory microbiome and the environment.

"An essential 'how to when to' guide"--Cover.

The second edition of this popular title in the Supportive Care series focuses on the aetiology, diagnosis and management of respiratory diseases, emphasising symptoms, quality of life and psychosocial support. The underlying theme of the book is the application of modern research-based knowledge, in a humane way, for those with advancing disease.

The Oxford Handbook of Respiratory Nursing offers the reader a systematic account of the main respiratory diseases found in adults, and covers assessment, diagnosis, and nursing management of these diseases. It also covers pharmacological and non-pharmacological therapies, and discusses the role of the multidisciplinary respiratory team. The book highlights the multiple needs of respiratory patients and addresses not only the physical needs but also covers the psychosocial needs, including their palliative and end of life issues. The book includes many illustrations and diagrams to guide the reader. It also contains references to national and international disease specific guidelines and patient and health professional charities and help lines. The book is clearly laid out, and written in easily readable note-based style. Blank pages are included for the reader, so that individual notes, observations, and local protocols can be included, thereby individualizing the handbook. All this is available in a handy, pocket-sized book with hard-wearing plastic covers. Written by practising nurses

and subject experts, the Oxford Handbook of Respiratory Nursing is a unique and invaluable companion for novice and experienced practitioners, and for all health care professionals who are involved in the care of respiratory patients in all settings.

This Monograph provides an update on cardiovascular disease complications and treatment implications for respiratory diseases, based on current scientific evidence and considered from an epidemiological, pathophysiological and clinical point of view. This book also discusses the future challenges when studying the complex relationship between these two groups of disorders.

The Oxford Desk Reference: Respiratory Medicine allows easy access to evidence-based materials on commonly encountered respiratory medicine problems for quick consultation to ensure the optimum management of a particular condition. A concise reference book, it collates key recommendations and presents them in an accessible and uniform way.

This new textbook of critical care is aimed primarily at specialist readership (specialist registrars and consultants in critical care, anaesthesia or any acute specialty) but will be of considerable interest to nurses and other allied health professionals caring for these patients. This book should be found on the desktop of every Intensive Care Unit, High Dependency Unit, acute medical or surgical ward or Accident & Emergency department. Indeed it is relevant and important to every practicing clinician or nurse who looks after acutely sick patients around the world. It offers, as its key feature, ease of access to up-to-date evidence-based information regarding the management of commonly encountered conditions, techniques and problems.

This work does not provide "recipes" or standardized solutions for the treatment of patients affected hypersecretion. The reader will find the book necessary ingredients to adapt to drain bronchial disease and the patient's condition, their needs and possibilities. Find relevant information on etiology, anatomy, physiology and pulmonary ventilatory mechanics in order to facilitate understanding of the mechanisms involved in bronchial drainage techniques. It also delves into measurements of lung function and its implications. Explains the problems with obstruction and pulmonary physiotherapy assessment, as well as the bases of the bronchial drainage techniques. Not to mention the care of the upper airways.

Acquire special mention specific principles of autogenic drainage, showing through performance curves partial expiratory flow-volume, the ability to modulate the flow and volume in the bronchial tree and selectively localize functional bronchial generations drain. Series of tips to standardize ventilation during inspiratory phase as well as the importance of correcting the shape of the rib cage. Explains the use of autogenic drainage in patients collaborators and collaborators, with a section dedicated to autogenic drainage in infants. The last chapters are devoted to explaining the specific physiology of cough with practical implications, special attention is given to inhalation therapy and finally being mentioned techniques as accessory respiratory reeducation and functional analysis, the importance of exercise and positioning, flexible gymnastics, relaxation, the use of oxygen and the rehabilitation effort through sport.

The Oxford American Handbook of Pulmonary Medicine is an essential quick reference guide to all the major respiratory symptoms and diseases. Each topic is covered in a consistent format including practical tips for both inpatient and outpatient care settings. The handbook features a section on practical procedures plus useful pages on lung and bronchial anatomy, CT anatomy, lung function, and blood gas nomograms. Edited and written by pulmonologists from the respected National Jewish Medical Center in Denver, Colorado, this book will be an invaluable resource for students and residents, as well as a useful reference for practitioners. The Oxford American Handbook of Pulmonary Medicine is the indispensable, evidence-based source on the subject.

This comprehensive clinical textbook examines all aspects of respiratory medicine. The editors take a practical approach to the diagnosis and management of patients with the full range of pulmonary disorders, making this your ideal source for reference in clinical practice. Fully revised, this essential volume includes new chapters on PET imaging, implications of genetic research, oxygen therapy, and rehabilitation. Now an Expert Consult title, it comes with access to the complete contents of the book online, including all of the book's images, downloadable for use in presentations. Provides complete clinical coverage so you can Better manage and treat patients with pulmonary disease. Uses templated, clinical chapters for consistent, concise, essential information. Includes coverage that reflects the way you practice medicine today with critical information relevant to everyday practice. Utilizes diagnostic algorithms to help you find critical information and at a glance. Includes new chapters on PET imaging, implications of genetic research, oxygen therapy, and rehabilitation to keep you up to date. Includes access to the complete contents of the book online, including all of the book's images, downloadable for use in presentations.

The 19 sections of this second edition of the ERS Handbook of Paediatric Respiratory Medicine cover the whole spectrum of paediatric respiratory medicine, from anatomy and development to disease, rehabilitation and treatment. The editors have brought together leading clinicians to produce a thorough and easy-to-read reference tool. The Handbook is structured to accompany the paediatric HERMES syllabus, making it an essential resource for anyone interested in this field and an ideal educational training guide.

Maximum oxygen uptake during exercise is one of the best predictors of operative mortality and of prognosis in chronic cardiac or respiratory disease. Cardio-pulmonary exercise (CPEX) tests are therefore an increasingly common component of pre-operative assessment and the management of patients with chronic cardiopulmonary problems. Part of the Oxford Respiratory Medicine Library (ORML) series, this pocketbook guides clinicians through the parameters measured in CPEX testing so that they can understand the underlying physiology and are able to interpret the results. Clinical scenarios, common patterns, key points, and practical tips all make this book easy to follow, even for those readers who have little prior knowledge of the subject.

The newly introduced Specialty Certificate Examinations are a compulsory component of assessment for all UK medical trainees and represent the final examination barrier before being able to apply for consultant positions. This book provides a unique

examination-specific revision guide for the SCE in Respiratory Medicine. Comprising of best of five multiple choice questions, detailed answers and separate revision notes, Revision Notes for the Respiratory Medicine Specialty Certificate Examination is the only book you need to prepare for this important examination. Questions are based around clinical scenarios and supplemented with images of radiological investigations such as x-rays and lung function tests. Each question is structured as in the examination itself. The revision notes cover key areas and difficult concepts assessed in the examination, referencing national and international guidelines in topics including respiratory infection, respiratory malignancy, industrial lung disease, sleep disorders, standard respiratory tests and medical statistics.

The Oxford Textbook of Medicine provides all that any doctor needs to know to practice top-level internal medicine. It gives comprehensive coverage of the epidemiology, aetiology, and mechanism of disease, as well as clear, unambiguous coverage of the diagnosis, practical management and prevention of the entire spectrum of medical disorders. There are major introductory sections on the scientific basis of disease; and in the system-based clinical sections genetic predisposition, pathophysiology, pathogenesis, molecular mechanisms, and cell biology are covered in depth for all significant medical syndromes. Clinical descriptions of diseases are clearly and memorably written, based on the experience and insight of the authors--many of whom are among the world's most distinguished medical scientists. Chapters are not only "evidence based" but also on clinical experience and a thorough survey of all the relevant literature. Throughout, the approach of OTM is humane and ethical and, at the same time, factual, reliable, honest (especially where knowledge is limited) and rigorously scientific. This is not just a textbook of "First World" medicine. It provides practical guidance for doctors working in a variety of medical setting the value of a logical clinical approach rather than immediate resort to expensive imaging and laboratory tests. Moore of the contributing authors than ever before are from outside Europe, including strong representation of North American medicine. The new editorial team has ensured that the OTM continues to reflect rapid changes in medical practice: there are new sections on intensive care, alcohol and drug abuse, clinical pharmacology and therapeutics, world health, clinical trials and evidence-based medicine, adolescent medicine, sports medicine, and emergency medicine; more than half the contributors are new for this edition; and most of the text has been heavily revised. The striking new page and cover design reflect the significant changes made in this new edition. The Textbook is illustrated by over 2000 two-color diagrams and many color Plates. The index is the most detailed and user-friendly of any major medical textbook: in an emergency, the reader can access information quickly- whether on the ward, in office or at home. Like its predecessors, OTM4 will be the trusted and ultimate reference in libraries, hospitals, doctors' consulting rooms, solicitors' offices, press offices, and primary care practices worldwide.

Self-Assessment in Respiratory Medicine is an invaluable tool for any practitioner wishing to test and improve their knowledge of adult respiratory medicine. The updated, second edition includes 261 multiple-choice questions covering the full breadth of the specialty, using clinical vignettes that test not only the readers' knowledge but their ability to apply that knowledge in daily practice. The questions have been compiled and tested by the ERS adult HERMES examination committee specially for this book, making it the perfect revision aid for candidates for the European Diploma, as well as any specialists in respiratory medicine who wish to exercise and improve their skills.

Adherence and Self-Management in Pediatric Populations addresses the contemporary theories, evidence-based assessments, and intervention approaches for common pediatric chronic illnesses. An introductory chapter summarizes the state of the field and provides a general foundation in adherence and self-management. Subsequent chapters focus on specific diseases, ensuring that the scope of knowledge contained therein is current and thorough, especially as the assessments and interventions can be specific to each disease. Case examples are included within each chapter to illustrate the application of these approaches. The book ends with an emerging areas chapter to illuminate the future of adherence science and clinical work. This book will be extremely helpful to professionals beginning to treat youth with suboptimal adherence or for those who conduct adherence research. Experts in the field will benefit from the synthesized literature to aid in clinical decision-making and advancing adherence science. Organized by disease for quick reference Provides case examples to illustrate concepts Incorporates technology-focused measurement and intervention approaches (mobile and electronic health) throughout

Cystic Fibrosis (CF) is a multi-system disorder, requiring not just respiratory expertise but also management of nutrition, diabetes, musculoskeletal and psychosocial issues. This pocketbook is a concise companion for all health care professionals who manage patients with CF. The book covers all aspects of care, including both paediatric and adult-specific issues, and summarizes up-to-date literature in a concise and focussed style. There is an emphasis on the practical aspects of management with separate chapters covering the effects of CF in the lung, the microbiology of pulmonary CF, and man...

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